

P-60D

CONFIDENTIAL

14 June 1955

MEMORANDUM FOR THE RECORD

SUBJECT: Initial Helicopter Infrared Tests

Present: Major G. A. Brigham, USMC
Lt. Green, USMC

25X1

1. The infrared equipment supplied by APD was installed on an HRS helicopter at MCAS, Quantico. Initial flight tests were conducted the night of 13 June 1955.
2. The searchlight was attached externally on the left side of the helicopter approximately two feet below the co-pilot's window. The beam was pre-set at about 60-70° below the horizontal and pointing forward. Flight tests indicated that the side of the helicopter and the right bulb mounting brackets caused the light to transmit a vertical beam of light instead of a flood. This will be corrected.
3. Pilots' reactions indicated a potential use for infrared. The equipment will be mounted on the hanger and distance and width of beam etc. will be measured.
4. Tests will continue after Quantico becomes familiar with the equipment. A more detailed program can then be formulated.

25X1

JW:maa

25X1

P-6030

~~SECRET~~

CONFIDENTIAL